

MARITIME SAFETY COMMITTEE
91st session
Agenda item 12

MSC 91/INF.4
20 September 2012
ENGLISH ONLY

SAFETY OF NAVIGATION

Actions taken for operating anomalies identified within ECDIS in Japan

Submitted by Japan

SUMMARY

<i>Executive summary:</i>	This document provides information on the actions taken by ECDIS manufacturers in Japan with respect to the operating anomalies identified
<i>Strategic direction:</i>	5.2
<i>High-level action:</i>	5.2.4
<i>Planned output:</i>	5.2.4.1
<i>Action to be taken:</i>	Paragraph 7
<i>Related documents:</i>	SN.1/Circ.266/Rev.1; MSC.1/Circ.1389, MSC.1/Circ.1391; SN.1/Circ.312; MSC 90/28, paragraphs 10.22 to 10.27 and NAV 58/14, paragraphs 13.24 to 13.38

Introduction

1 The Committee, at its ninetieth session, considered the issue of operating anomalies within ECDIS and concluded to invite the International Hydrographic Organization (IHO) to re-promulgate the IHO test data set to ensure that all appropriate ECDIS sets are tested including all known manufacturers' ECDIS models, and also agreed to bring this matter to the urgent attention of the NAV Sub-Committee for appropriate consideration during its fifty-eighth session.

2 The NAV Sub-Committee, at its fifty-eighth session, considered the issue and approved SN.1/Circ.312 on *Operating anomalies within ECDIS* for dissemination to all concerned. The consideration continues to the next session.

3 This information paper provides information on the actions taken so far by the ECDIS manufacturers in Japan, namely Furuno Electric Co. Ltd., Japan Radio Co. Ltd. and Tokyo Keiki Inc., in cooperation with the Ministry of Land, Infrastructure, Transport and Tourism (MLIT).

Action taken by ECDIS manufacturers

4 The manufacturers, recognizing the importance of the matter, have tested their ECDIS models with the IHO Data presentation and performance check (DPPC) dataset and found some anomalies in exhibiting display and alarm. They have already developed new versions of software to rectify the event identified.

5 Since the latest version of software is installed, ECDIS systems which are currently put out into the market are ensured to be free from anomalies against the DPPC dataset.

6 All the ECDIS systems, that are in compliance with the performance standards set out in resolution MSC.232(82) and that are already installed on board, can be upgraded to the latest version of software. The way of upgrade depends on models so the following websites providing information on how ECDIS systems are upgraded should be referred to. It is of importance that ECDIS systems already installed on board be upgraded following the information on the website as soon as possible.

6.1 Furuno Electric Co., Ltd.

Models: FEA-2107/2807

Website:

www.furuno.com/en/business_product/merchant/product/ecdis/popup.html

6.2 Japan Radio Co., Ltd.

Models: JAN-701/JAN-901/JAN-901M /JAN-701B/JAN-901B /JAN-2000

Website: www.jrc.co.jp/eng/product/marine/whatsnew/20120416/index.html

6.3 Tokyo Keiki Inc.

Models: EC-7000/EC-7500/EC-8000/EC-8000K/EC-8500/EC-8500K

Website: www.tokyo-keiki.co.jp/marine/e/topics/EC-Versionup.pdf

Action requested of the Committee

7 The Committee is invited to note the information provided in this document and take action, as appropriate.
